

MANASTYRSKIY, R.Ya.; CHERNOV, V.I.; STUKALO, I.T.; OSNOS, M.L.; MELAMUD, M.Ya,
~~(Lvov)~~

Certification for specialists in internal medicine. Vrach.delo no.7:
735 J1 '59. (MIRA 12:12)
(LVOV PROVINCE--MEDICINE--LAWS AND LEGISLATION)

MANASTYRSKIY, Roman Yaroslavovich; KOMKOV, G. [Komkov, H.], red.;
BURKATOVSKAYA, TS. [Burkatovs'ka, TS.], tekhn. red.

[Public health in communistic and capitalistic countries]
Okhorona zdorov'ia u nas i u nykh. L'viv, Kryzhkovo-
zhurnal'ne vyd-vo, 1961. 47 p. (MIRA 15:11)

1. Zaveduyushchiy L'vovskim oblastrym otделom okhrany zdorov'ya
(for Manastyrskiy).

(PUBLIC HEALTH)

FERDINAND, Ya.M. (Rostov-na-Donu); Prinsipali uchastiye: MARISOVA, A.P.;
BRAYNINA, R.A.; MARGULIS, L.A.; MYASNENKO, A.M.; KOVALEVSKAYA,
I.L.; TELESHEVSKAYA, E.A.; SOBOLEVA, S.V.; KALININA, K.I.;
KOVALEVA, N.S.; IVANOVA, M.K.; ARENDER, B.A.; KUCHERENKO, R.A.;
MANATSKOVA, K.S.; OLEYNIKOVA, L.T.; KIBARDINA, Yu.A.;
GRIGOR'YEVA, K.S.; SEMENIKHINA, L.G.; CHERNYKH E.I.; DOROFYEVA,
V.M.; SHEVCHENKO, Ye.N.; ABRAMOVA, O.K.; SKUL'SKAYA, S.D.;
PETROVA, Z.I.; MAKHLINOVSKIY, L.I.; KUZ'MINA, A.I.; AL'TMAN, R.Sh.;
MARDERER, R.G.; YENGALYCHEVSKAYA, L.N.; CHIRKOVA, M.N.; TERESHCHENKO,
N.I.; SHELKOVNIKOVA, M.A.; PROKOPENKO, V.V.; BEKLEME'SHEVA, Ye.R.;
BARANOVA, T.V.

Effectiveness of specific prophylaxis with alcohol divaccine
against typhoid and paratyphoid B fever in school-age children.
Zhur. mikrobiol., epid. i immun. 41 no.1:23-27 Ja '64.

(MIRA 18:2)

MANASYAN, A. A.

23924

MANASYAN, A. A. Resheniye Osnovnykh Zadach. Floskoy Teorii Uprugosti Neodnorodnogo Tela Dlya Konturov S Uglovymi Tochkami. Doklady (Akad. Nauk Azerbaytzh. SSR), 1988, No. 4, S. 187-200.

--Rezjume Na Azerbaytzh. Yaz.

--Bibliogr: 6 Nazv.

SO: Letopis, No. 32, 1989.

MANASYAN, A.A. (Moskva)

Law of the loading of a system guarantying a minimum coefficient
of dynamism. Izv. AN SSSR. Otd.tekh.nauk.Mekh. 1 mashinostr.
no.4:178-180 J1-Ag '61. (Elastic solids) (MIRA 14:8)

MANASYAN, A. O.

42533. O Kolebaniyakh sakhara v krovi pri beremennosti i laktatsii v zavisimosti ot periodicheskoy deyatel'nosti organizma vne pishchevareniya. Trudy yerevansk. Zoovet. In-Ta, vyp. 10, 1948, S. 61-75.

MANASYAN, A. C.

"Diagnosis of fertility and sterility of agricultural animals" Yerevan, 1951, 128 pages with illustrations. (Popular library for kolkhozniks)

SC: Vet., Jan. 1952, Unclassified.

Instruction for the use of biological preparations in infectious diseases of agricultural animals and fowl. Developed by the State Scientific Control Institute of Veterinary Preparations, and by the Veterinary Administration, Main Administration of Animal Husbandry, 1951, 56 pages.

MANASYAN, A. O.

Profilaktika i lechenie mastitov (Prophylaxis and therapy of mastitis). Erevan'. Izd-vo Glav. upr. s.-kh. nauki MSKH Arm. SSR, 1959, 136 pages with illustrations (Main Administration of Agricultural Sciences of the Ministry of Agriculture of the Armenian SSR). Price 2 r. 10 k.; 1,000 copies. In the Armenian language.

VAYNSHTEYN, G.R.; MANASYAN, B.Sh.; MONYUSHKO, V.N.

Determination of safe concentrations of air in natural gas at
pressures up to 350 at. Trudy VNIITB no.10:68-74 '58.
(MIRA 15:5)

(Gas, Natural)

KOSTIN, B.A.; MANASYAN, B.Sh.

Wave-motion imitating gangways for safely setting men down on
offshore structures. Trudy VNIITB no.11:35-44 '59. (MIRA 15:5)
(Oil well drilling, Submarine)

VARTANYAN, S.A.; PIRENYAN, S.K.; MANASYAN, N.G.

Liquid phase hydration of acetylene with a copper catalyst.
Zhur.ob.khim. 31 no.7:2336-2337 J1 '61. (MIRA 14:7)

1. Institut organicheskoy khimii AN Armyanskoy SSR.
(Acetylene)

GALOYAN, A.A.; MANASYAN, R.F.

Method of detecting succinic dehydrase in microstructures of the central nervous system and some data on changes in it caused by different agents. Izv. AN Arm. SSR. Biol. nauki 14 no.2:73-81 (MIRA 14:3) F '61.

1. Sektor biokhimii AN ArmSSR.
(SUCCINIC DEHYDRASE)

(BRAIN)

(SPINAL CORD)

GALOYAN, A.A.; MANASYAN, R.F.; SRAPIONYAN, R.M.

Histochemical analysis of the mechanism of the effect of
 γ -aminobutyric acid and insulin on the transport of glucose
in tissues. Vop.biokhim. 2:109-114 '61. (MIRA 15:12)

1. Institute of Biochemistry, Academy of Sciences of Armenian
S.S.R., Erevan.
(Butyric acid) (Insulin) (Glucose)

GALOYAN, A.A.; MANASYAN, R.F.

Effect of gamma-aminobutyric acid on the acetylcholinesterase activity in hypothalamus microstructures. Vop. biokhim. 3:53-59 '63.

Effect of histamine on the cholinesterase activity of hypothalamus microstructures. Ibid.:61-68 (MIRA 17:12)

1. Institute of Biochemistry, Academy of Sciences of the Armenian S.S.R., Erevan.

MANASYAN, S. A. (Baku)

"The Solution of the Seepage Problems of an Ellipse-Shaped Stratum with a Well of Large Radius Excentrically Located."

report presented at the First All-Union Congress on Theoretical and Applied Mechanics, Moscow, 27 Jan - 3 Feb 1960.

MANASYAN, S.A.

Investigating the matrix of an infinite system occurring in the solution of stationary problems of the theory of filtration for elliptical layers with large-radius wells. Dokl. AN Azerb. SSR 17 no.6:457-461 '61. (MIRA 14:8)

1. Azerbaydzhanskiy gosudarstvennyy pedagogicheskiy institut imeni Lenina. Predstavleno akademikom AN Azerbaydzhanskoy SSR Z.I. Khalilovym.

(Oil reservoir engineering)

MANASYAN, S.A.

Solution of the Dirichlet problem for a certain doubly-connected
region. Uch. zap. AGU. Ser. fiz.-mat. i khim. nauk no.4:59-72
'61. (MIRA 16:6)
(Harmonic functions)

MANASYAN, S.M.; MARTIKYAN, M.K.; AGASARYAN, G.P., red.; BALASANYAN,
G.G., red.; CHERTOVA, Zh., tekhn.red.

[Forty years of Soviet Armenia] 40 let Sovetskoi Armenii.
Yerevan, 1960. 1 v. (MIRA 14:2)
(Armenia--Views) (Armenia--Economic conditions)

MANASYAN, V. A., Cand Agr Sci -- "Efficient methods of applying mineral fertilizers under corn on the alkaline chernozems of ^{the} USSR." Tbilisi, 1961. (Min of Agr^y USSR. Georgian Order of Labor Red Banner Agr Inst) (KL, 9-61, 254)

- 374 -

MANASYAN, Yu.G., inzh.;
ALKIMOVICH, A.V., inzh.; BAYEV, S.F., inzh.; MANASYAN, Yu.G., inzh.; MENSHTUKIN,
V.V., inzh.; POZDEYEV, A.V., kand. tekhn. nauk; SHALIK, G.P., inzh.

Remarks on the article "Data on atomic power equipment and its use
on ships." Sudostroenie 22 [1.e.23] no.10:63 0 '57. (MIRA 11:2)
(Atomic ships)

MANASYAN, Yu. G.

MATVEYEV, G.A., kandidat tekhnicheskikh nauk; MANASYAN, Yu.G., inzhener.

Determining friction and windage losses in hydroturbine rotors.
Sudostroenie 23 no.6:12-15 Ja '57. (MIRA 10:7)
(Marine turbines) (Hydraulic turbines)

MARAYENKOV, G.M., montazhnik; RUDRIN, K.B., inzhener; KUCHEROV, A.I.,
~~inzhener~~, nauchnyy redaktor; KRYUGER, Yu.V., redaktor izdatel'-
stva; GUSEVA, S.S., tekhnicheskiiy redaktor

[Large-panel construction of schools] Opyt stroitel'stva krupno-
blochnykh shkol'nykh zdaniy. Moskva, Gos.izd-vo lit-ry po stroit.
i arkhitekt., 1957. 47 p. (MLBA 10:10)
(Schoolhouses)
(Reinforced concrete construction)

MANAYENKOV, Grigoriy Mikhaylovich; PUTYATO, V.T., nauchnyy red.;
ZVORYKINA, L.N., red.izd-va; MIKHEYEVA, A.A., tekhn. red.

[Work practice of an instructor in advanced assembly work
methods] Opyt raboty instruktora peredovykh metodov truda;
montazhnye raboty. Moskva, Gosstroizdat, 1962. 59 p.

(MIRA 15:6)

(Moscow—Construction workers—Education and training)
(Precast concrete construction)

MANAYENKOV, P.

USSR (600)

Cheese

Organization of production of fatless cheese. Mol. prom. 13 no. 5 (1952)

9. Monthly List of Russian Accessions, Library of Congress, _____ August 1957, Uncl.

2

MANAYENKOV, S.

Prestressed long-span girders and beams. Stroitel' no. 3:19-24
Mr '61. (MIRA 14:2)
(Prestressed concrete) (Girders)

MANAYFON, S.

Metallic sliding forms for concreting silos. Stroitel'nik 1974, 5, 19, 11-12. (SIRA 17:12)
(Concrete construction--formwork)
(Silos)

MANAYENKOV, S., inzh.

Unit-flow manufacture of floor and ceiling slabs. Stroitel' 8
no.1:16-19, 30 Ja '62. (MIRA 16:2)
(Concrete plants) (Concrete slabs)

MANAYENKOV, S.

Partitions made of water-resistant gypsum-slag concrete. Stroitel'
8 no.11:27 N '62. (MIRA 16:1)

(Concrete walls)

6(4)

PHASE I BOOK EXPLOITATION

SOV/2322

Borodich, S.V., N.I. Kalashnikov, A.M. Model', S.D. Manayenkov,
and V.V. Petrov

Radioreleynyye liniy svyazi (Radio Relay Networks) Moscow, 1957.
36 p. (Series: Obzory po novoy tekhnike. Energetika) Errata
slip inserted. 3,000 copies printed.

Sponsoring Agencies: USSR. Gosudarstvennyy komitet po novoy
tekhnike, and Akademiya nauk SSSR. Vsesoyuznyy institut
nauchnoy i tekhnicheskoy informatsii.

Ed.: V.I. Siforov, Corresponding Member, USSR Academy of Sciences.

PURPOSE: This booklet may be useful to engineering personnel
working with radio relay systems.

COVERAGE: The authors discuss radio relay lines existing in the
USSR and abroad. They also describe the utilization of tro-
pospheric scattering of radio waves in radio and television
broadcasting. There are 10 references: 2 Soviet (both trans-

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Radio Relay Networks

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lations) and 8 English.

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Radio Relay Networks

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Conclusions and Proposals

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Bibliography

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AVAILABLE: Library of Congress (TK 6553 .B59)

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JP/ec
10-7-59

GLADKIY, M.I. [deceased]; SHANIN, G.A.; IODKO, Ye.K.; MANAYENKOV, S.D.; MIKHAYLOV, E.A.; GRIBOVA, Ye.N.; LUGOVSKIY, P.P.; KULESHOV, S.M.; SHATOV, A.I.; SHNYREVA, N.N.; ISHKOVA, V.M.; LYKOV, A.I.; TYULYAYEV, A.N., *otv. red.*; SIDOROVA, T.S., *red.*; SHEFER, G.I., *tekhn. red.*

[Determining the economic efficiency of new machinery in the communication system] *Opredelenie ekonomicheskoi effektivnosti novoi tekhniki v khoziaistve sviazi; informatsionnyi sbornik.* Moskva, Sviaz'izdat, 1962. 174 p. (MIRA 16:3)
(Communication and traffic--Technological innovations)

SOV/123-59-16-64265

Translation from: Referativnyy zhurnal. Mashinostroyeniye, 1959, Nr 16, pp 92-93 (USSR)

AUTHOR: Manayenkov, V.P.

TITLE: A Sleeve for the Supply of Air to Revolving Cylinders

PERIODICAL: Tekhn.-ekon. byul. Sovnarkhoz Lipetskogo ekon. adm. p-na, 1958, Nr 6, 21-22

ABSTRACT: At high revolving speeds of the machine spindle the sleeves with a rubber collar seal wore quickly out. At the Lipetsk Tractor Plant the design of a sleeve was worked out which uses bronze bushings as seals. In order to avoid a leak of air, the bushing is provided with grooves of 1 mm width and depth. These grooves are filled up with heavy grease. 1 drawing.

I.A.Ye.

Card 1/1

MANAYEV, M.L.

Conference of the workers of labor norms research laboratories and
groups on labor. Kons.1 ov.prom. 16 no.5:43-44 My '61.

(MIRA 14:5)

(Canning industry)

MANAYEV, N. M.

Studying the pressure exerted on the neck of the pressure
roller of the flax spinning machine. Izv. vys. ucheb. zav.:
tekh. tekst. prom. no.4:141-148 '62. (MIRA 15:10)

1. Kostromskoy tekhnologicheskoy institut.

(Spinning machinery—Testing)

MANAYEV, N.M.

Effect of the misalignment of the pressure rollers on the axial displacement of the corrugated cylinders of flax spinning machinery. Izv.vys.ucheb.zav.; tekhn.tekst.prom. no.6:136-145 '62. (MIRA 16:2)

1. Kostromskoy tekhnologicheskii institut.
(Spinning machinery--Testing)

MANAYEV, N.M.; KHRUDYKH, M.I.

Studying the wear resistance of rubber and the effect of the
pressure rollers of flux spinning machines. Izv. vuzov. Tekh.
sav.; tekhn. tekst. prom. no. 1138-1139, 1962.

11. 1112.

1. Kostroma'sky tekhn. institut, Gorki.

PHENOMENON OF OVERMODULATION IN A RADIO COMPASS WITH A BALANCED MODULATOR. MANARV; E. I. J. Tech. Phys., USSR, 16 (No. 5) 613-20 (1946) In Russian. It is shown that overmodulation is more likely to occur with square wave than with sinusoidal modulation and that it can lead to the distortion of the polar diagram. An additional a.g.c. system is proposed, to be applied to the loop amplifier and to increase its gain and thus the mod. coeff. at low loop pick-up, and to decrease it at large signals.

A. L.

1ST AND 2ND ORDER PROCESSES AND PROPERTIES INDEX 100 AND 2TH ORDER

SA

66

Deviation of a radio-compass with a balanced modulator.
 MANAN, E. L. — *J. Tech. Phys., USSR*, 16 (No. 5) 621-4
 (1946) *In Russian*. — An analysis of r.d.f. performance in
 aircraft is given, based on the comparison with a simple
 acoustic indicator r.d.f. A. L.

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

| 1ST AND 2ND ORDERS | | | | | | | | | | | | | | | | | | | | | | | | | | 3RD AND 4TH ORDERS | | | | | | | | | | | | | | | | | | | | | | | | | |
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| PRECEDENCE AND PRIORITY INDEX | | | | | | | | | | | | | | | | | | | | | | | | | | TOP AND 6TH ORDERS | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>621.396.813 : 621.396.619.13</p> <p>1208. Bandwidth required in reception of frequency-modulated signals to avoid non-linear distortion.</p> <p>MANAYEV, B. I. <i>Radiotekhnika</i>, 3 (No. 3) 54-63 (1948)</p> <p>In Russian. --Methods for finding the spectrum width with sinusoidal and square-wave modulation are considered, and the generation of non-linear distortion in tuned and wide-band amplifiers responding to sinusoidal f.m. is described. For a given value of non-linearity coefficient, formulae are deduced for the minimum band-width of amplifiers, expressed in terms of modulation index, modulation frequency and number of sidebands. With ideal amplitude and phase response characteristics in the pass band, the min. band-width need not exceed the spectrum width.</p> <p>A. I.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>ABB SLA METALLURGICAL LITERATURE CLASSIFICATION</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MANAYAN, E.I.K.

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MANAYAN, E.I.K. Vopros o vliyanií razmeha na razotv. ra. iz-
brazhaca. Izvestiya Leningr. Elektrotekh. IM-Ta IM. Mijurova
(Lenina), VYP. 23, 1949, S. 36-43 -- Bibliogr: 5 Nazv.

LC: Letopis' Zhurnal'nykh statey, No. 1, Leningr., 1949

MANAYEV, Doc Ye. I.

PA 237T40

USSR/Electronics - Pulse Techniques Jun 52
Multivibrators

"Duration of the Pulse Generated by a Reactive
Trigger Circuit With Cathode Coupling," Doc Ye.I.
Manayev, Cand Tech Sci, Leningrad Electrical En-
gineering Institute Imeni Ul'yanov (Lenin)

"Elektrichestvo" No 6, pp 67-71

Examines operation of special multivibrator cir-
cuit for pulse generation and derives formulas
for determining pulse duration. Proves that pulse
duration is function of ratio between grid and
plate voltages. Calculs by derived formulas were

237T40

confirmed experimentally. Research was reported
5 Apr 50 at Sci and Tech Conference of author's
Institute. Submitted 20 Nov 50

237T40

MANAYEV, Ye. I.

USSR/Electronics - Reception

FD-527

Card 1/1 : Pub. 90-3/13

Author : Manayev, Ye. I., Active Member, VNORIE

Title : Simultaneous detection of a signal and noise by amplitude and phase detectors, operating with linear inertialess detection

Periodical : Radiotekhnika, 9, 19-32, May/Jun 1954

Abstract : Theoretical and experimental investigation of simultaneous detection of signal and noise by linear inertialess amplitude and phase detectors with noise in the form of one or several sinusoidal voltages and with fluctuation noise. Introduces coefficients for the noise stability of modulation and the increment of the dc signal component. Also derives simple, accurate formulas representing signal suppression by noise at any ratio of signal and noise voltages at the detector input. Paper delivered April 23, 1952, at Leningrad Electrical Engineering Institute imeni V. I. Ol'yanov (Lenin) (LETI)

Institution : All-Union Scientific and Technical Society of Radio Engineering and Electric Communications imeni A. S. Popov (VNORIE)

Submitted : May 4, 1953

GRECHUSHKINA, N.N.; MANAYEVA, M.M.

Significance of the acidity of the medium to *Lactobacterium lindneri*.
Nauch. dokl. vys. shkoly; biol. nauki no.1:161-166 '64.
(MIRA 17:4)

1. Rekomendovana kafedroy mikrobiologii Moskovskogo
gosudarstvennogo universiteta im. M.V.Lomonosova.

MANAYEVA, Ol'ga Vasil'yevna; YAKUTA, Kira Ivanovna; GAVRILOV, R.A.,
red.; SOBOLEVA, Ye.M., tekhn. red.

[Economic calculations in the manufacture of electric and
vacuum devices] Ekonomicheskie raschety v elektrovakuumnom
proizvodstve. Moskva, Gosenergoizdat, 1963. 186 p.

(MIRA 16:8)

(Electric equipment industry) (Electron tubes)

MANAYEVA, V M.

USSR/Virology - Viruses in Man and Animals.

E-4

Abs Jour : Ref Zhur - Biol., No 15, 1958, 66942

Author : Pshanichnov, A.V., Manayeva, V.M.

Inst : Molotovsk, med. in-t.

Title : A Search for an Experimental Model of the Hepatitis Virus.

Orig Pub : Tr. Molotovsk. med. in-ta. 1957, vyp. 26, 184-189.

Abstract : Mice possessing Krocker's sarcoma were inoculated with blood taken from a female patient afflicted with the hepatitis virus. After the subinoculation was completed twice (from tumor to tumor), some of the mice died, after changes occurred in their liver which resembled the liver in man afflicted with hepatitis. At the tenth to twelfth subinoculations, all mice were dead. Analogous results were obtained with liver and tumor filtrates from diseased mice. The serum from convalescent subjects produced a

Card 1/2

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USSR/Virology - Viruses in Man and Animals.

E-4

Abs Jour : Ref Zhur- Biol., No 10, 1958, 65942

positive "RSK" [RBC-Reaction of Blood Coagulation] with the antigens from these tissues, and also neutralized the virus in the experiments with mice. The authors believe that in accordance with the above method, it is possible to produce experimentally the hepatitis virus in a transmittable form.

Card 2/2

MANAYKINA, K., inzh.-tekhnolog

In Riga; pies, hot cakes, doughnuts. Obshchestv.pit. no.3:24-25
Mr '59. (MIRA 12:4)

1. Upravleniye trgovli Rishskogo gorispolkima.
(Riga--Coffeehouses)

L 33712-66

ACC NR: AP6025148

SOURCE CODE: RU/0012/65/061/004/0523/0534

AUTHOR: Maros, E. (Doctor; Lieutenant general; Doctor of medical sciences); Suteu, I. (Doctor; Colonel); Dancioloiu, AL. (Doctor; Major); Vaideanu, C. (Doctor; Lieutenant colonel); Gheorghe, Ioan (Doctor; Major); Mancas, O. (Doctor; Major)

ORG: none

TITLE: Our experience in the treatment of varicose ailments of the pelvis

SOURCE: Revista sanitara militara, v. 61, no. 4, 1965, 523-534

TOPIC TAGS: disease therapeutics, disease incidence, circulatory system disease

ABSTRACT: A report on the authors' experience during 1952 to 1965 with 576 patients suffering from various clinical forms of varicose afflictions of the pelvis. The different forms of therapeutic approach used are discussed, the effectiveness of the different methods for the separate classes of ailments is compared, and some general conclusions with regard to the incidence and treatment of varicose ailments are presented. [JPRS: 33,500]

SUB CODE: 06 / SUBM DATE: 30Apr65 / ORIG REF: 008 / SOV REF: 003

OTH REF: 005

Card 1/1

L 16030-65 EWP(m)/EPR/EWP(t)/EWP(b) Ps-4 IJP(c)/SSD/AFWL/ASD(m)-3/AFTC(p)
 ACCESSION NR: AP4047999 JD Y/0001/64/000/011/1976/1981

AUTHOR: Zeric, M. (Graduate chemist); Vance, A. (Graduate chemist)

TITLE: Aluminum corrosion in twice-distilled water

SOURCE: Tehnika no. 11, 1964, 1976-1981

TOPIC TAGS: aluminum, corrosion, water, distilled water, aluminum alloy

ABSTRACT: The corrosion behavior of 99.99% pure aluminum and three aluminum base alloys (1.12% silicon and 0.4% magnesium, 0.8% silicon and 0.4% magnesium, or 0.4% silicon and 1.8% magnesium) in twice-distilled water (pH - 6, specific conductivity $1-3 \times 10^{-6} \text{ ohm}^{-1} \text{ cm}^{-1}$) was tested at 40, 60, and 80C. All the materials tested showed a roughly similar behavior in both water and vapors; relatively high rates of corrosion in the first 100-200 hr decreased gradually with prolonged exposure. In water all the materials corroded uniformly except for the alloy with 1.8% magnesium in which certain areas were attacked somewhat more heavily than the rest of the surface. In vapors corrosion was somewhat nonuniform, but only at the beginning of the test. Neither the pH nor the conductivity, but only the temperature of the water had any effect on the rate of corrosion, which amounted

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L 16030-65

ACCESSION NR: AP4047999

to 3.15 and 4 μ /year at 40, 60, and 80C, respectively. The rate of corrosion in vapors depended also on the geometry of the specimen and its position in relation to the water surface. Orig. art. has: 13 figures and 5 tables.

ASSOCIATION: Institut za nuklearne nauke "Boris Kidric," Belgrad-Vinca (Boris Kidric Institute of Nuclear Sciences)

SUBMITTED: 03Sep64

ENCL: 00

SUB CODE: MM

NO REF SOV: 001

OTHER: 003

ATD PRESS: 3141

Card 2/2

MINARIK, F.; STANKOVICOVA, A.; MANCA, J.; DOUPOVCA, V., techn. spoluprace

Electrical properties of dusts in ore mines in Slovakia. Pracovni
lek. 13 no.6:269-274 Ag '61.

1. Ustav hygieny prace a chorob z povolania v Bratislave, riaditel
MUDr. I. Klucik.

(DUSTS)

CZECHOSLOVAKIA

MINARIK, F., STANKOVICOVA, A., MANCA, J., Institute of Hygiene of Work and Professional Diseases, Manager: Dr I. Klucik (Ustav hygieny prace a chorob z povolania, riaditel MUDr. I. Klucik), Bratislava.

"Some Problems of Medical Physics in Work with Sources of Neutron Radiation."

Prague, Pracovní Lékařství, Vol 15, No 2, March 63, pp 69 - 74.

Abstract: The authors give first a description of the properties of neutrons and of the nature of their radiation for 4 sources (Ra-Be, Po-Be, Rn-Be, Sb 124-Be). They give also basic principles for the safety of handling these materials. In the last part of the article they discuss a few specific problems of work safety with the radiation sources mentioned.

1 Table, 1 Figure, 3 Western, 1 Czech, 1 Russian references.

1/1

MANCA, J.; CHOVANEC, F.; GAJDOS, A.

Transistorized detector of roentgen rays. Cesk. rentgen. 17
no.4:268-272 J1 '63.

1. Ustav hygieny prace a chorob z povolania v Bratislave,
riaditel' MUDr. J. Klucik.

(RADIOGRAPHY) (EQUIPMENT AND SUPPLIES)
(TECHNOLOGY, RADIOLOGIC)

MINARIK, F.; STANKOVICOVA, A.; MANCA, J.

Problems in medical physics during work with sources of neutron radiation. Prac. lek. 15 no.2:69-74 Mr '63.

1. Ustav hygieny prace a chorob z povolania v Bratislave,
riaditel MUDr. I. Klucik.
(NEUTRONS) (RADIATION PROTECTION)

MANCE, M.

Granulated cellulose acetate. p. 14

HEMPRO-BILTEN, Beograd, Vol 6, No. 1/2, 1956

SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

MANCE, M.; Rajevska, M.

Melted urea as a conductor of paint; a new attempt at dyeing at high temperatures. p.31
(GLASNIK, Vol. 6, No. 7/8, 1956

SO: Monthly List of East European Accessions (EEAL, LC Vol. 6, No. 12, Dec. 1957
Uncl.

MANCE, M.; RAJEVSKA, E.

Novelties in dyeing. p. 37.
(GLASNIK, Vol. 6, No. 7/8, 1956

SC: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.

MANCE, M.; RAJEVSKA, M.

American synthetic rubber for foreign markets. p. 7.
(Hempro-bilten, Vol. 7, No. 1, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

MANCEAK, Iosif, ing.

Dismountable devices composed of standardized parts. Metalurgia
constr mas 13 no.10:885-894 0 '61.

(Machinery)

RUMANIA

MANCEAN, I., Eng of ITCM [unidentified]

"New Systems of Devices."

Bucharest, Stiinta si Tehnica, Vol 15, No 7, Jul 63, pp 30-31.

Abstract: Describes the evolution, construction and applications of various devices used in the manufacturing process for making industrial machine parts. These devices of the machine-building enterprises have multiple applications and are interchangeable with other machine tools. The Soviet USP system is declared superior to the Wharton-Universal gig and fixture system (developed in England). The article emphasizes the importance of the materials used for these tools, such as quality carbon steels.

Includes 3 illustrations.

- 5 -

1/1

MANCEAN, I., ing.

New systems of devices. St si Teh Buc 15 no.7:30-31 J1 '63

1. Technological Institute for Machine Construction and
Electrotechnical Engineering.

MANCEL, J.

"Mechanization of assembly of fittings." p. 300.

STROJIRENSKA VYROBA. (MINISTERSTVO TEZKEHO STROJIRENSTVI, MINISTERSTVO PRESNEHO STROJIRENSTVI A MINISTERSTVO AUTOMOBILOVEHO PRUMYSLU A ZEMEDELSKYCH STROJU.)
Praha, Czechoslovakia, Vol. 7, no. 7, July 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.
Uncl.

MANCEV, J. DITHANEZ-78

A new efficient fungicide. p. 46. Table of contents of v. 8, 1956.
(Socijalisticko Zemjodelstvo, Vol. 8, no. 12, 1956.)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

MANCEV, J.

Some experiences in the protection of grapevines against injurious insects;
a preliminary report. p. 28.
(Socijalisticko zemjodelstvo, Vol. 9, No. 3, Mar. 1957, Skopje, Yugoslavia)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

3(7)

SOV/25-59-10-19/48

AUTHOR: Mancharskiy, S., Professor, Scientific Secretary

TITLE: In the Upper Strata of the Atmosphere

PERIODICAL: Nauka i zhizn', 1959, Nr 10, p 58 (USSR)

ABSTRACT: The article deals with the success of Polish scientists in studying the upper atmosphere and in the fields of geodesy and cartography. Polish scientists devote their special study to the dispersion of electromagnetic waves in the upper strata of the atmosphere. With the aid of the Sovetskiy komitet po provedeniyu MGG (Soviet Committee for the International Geophysical Year), two stations for sounding the ionospheres have been established in Poland which gave valuable results. In 1954, the author of this article together with Docent S. Jasnicky advanced the hypothesis of the dispersion of the dispersion of short waves among the strata of the ionosphere. Investigations have proven the correctness of this hypothesis. The author reports on interesting

Card 1/3

SOV/25-59-10-19/48

In the Upper Strata of the Atmosphere

explorations on the extension of short waves carried out by Polish scientific expeditions in Viet-Nam and Spitzbergen. It is supposed that the origin of this phenomena consists in the wave-like character of the ionospheric layers (Martin-Lamb waves) and in particular in dispersion. The ionospheric station near Warsaw succeeded in measuring a considerable incline of the ionosphere. The Institute of Geodesy and Cartography in co-operation with scientific institutes of other East Bloc countries has determined with high accuracy the difference of the geographic longitudes between Borowa Góra and Potsdam, Prague, Budapest and Sofia. Interesting data on the rotatory movement of the Earth have been obtained by the Astronomical Station in Borowiec in co-operation with the Soviet latitudinal station in Irkutsk. In Poland, 10 stations for visual observations of artificial satellites are working. The author stresses the scientific

Card 2/3

SOV/25-59-10-19/48

In the Upper Strata of the Atmosphere

collaboration between Poland and Viet-Nam. A joint scientific expedition is working at the stations Shapa and Fu-L'yen. The investigations include meteorology, aerology, actinometry, atmospheric electricity, magnetism of the Earth, ionosphere and seismology. Young Polish specialists have been sent to the scientific-research stations in the USSR, Finland, West Germany, Sweden and Norway. There is one Soviet reference.

ASSOCIATION: Polish Committee for the International Geophysical Year

Card 3/3

✓

MANCHENKO, A.D., inzh.; RABCHEVSKIY, B.N., inzh.

Equipment of a 2500 wide strip continuous cold rolling mill.

Met. 1 gornorud. prom. no.1:33-36 Ja-F '62.

(MIRA 16:6)

(Rolling mills--Equipment and supplies)

MANCHENKO, G.S.
USSR/Engineering - Metallurgy

FD-2620

Card 1/1 : Pub. 41-6/21

Author : Chernov, N. N., Domnitskiy, I. F., and Manchenko, G. S.,
Stalinsk

Title : Study of the change in static pressure in the stack of a blast
furnace and the measurement of temperature in the hearth

Periodical : Izv. AN SSSR, Otd. Tekh. Nauk 4, 63-72, Apr 1955

Abstract : Discusses the effect of static pressure on the control of a
blast furnace. Reviews previous literature on temperature
measurements along the stack of a blast furnace. Describes
methods used for measuring temperature in a blast furnace hearth.
Finds that by comparing pressure differential between hearth and
throat it is possible to establish a high pressure heat schedule.
Graphs, formulae. Five USSR references.

Institution :

Submitted : February 26, 1955

MANCHENKO, I.V., inzh.; MIRONOV, N.V., inzh.

Powered drop hammer mounted on the S-80 tractor. Avt.dor. 22 no.3:
3 of cover Mr '59. (MIRA 12:4)
(Piling (Civil engineering))

Manchenko, L.V.

137-58-5-9324

Translation from: Referativnyy zhurnal. Metallurgiya, 1958, Nr 5, p 76 (USSR)

AUTHORS: Manchenko, L.V., Chelokhsayev, L.S., Chirkova, N.P.

TITLE: Thallium Distribution in the Dust Collecting System of a Lead Plant (Raspredeleniye talliya po tsekhu pyleculavlivaniya svintsovogo zavoda)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 11-12, pp 51-53

ABSTRACT: Tl losses, as well as the distribution of this element in the dust-collecting system, were investigated. It was established that total Tl losses throughout the dust-collecting section of a lead plant may attain 24.9%, but that they can be reduced by one-half by means of extracting Tl from the drain water and by discontinuing the practice of discharging gases into the atmosphere without preliminary purification. It is essential that roasted dust from electrofilters be systematically processed in the cadmium shop. This will sharply increase the proportion of Tl in the finished products.

Card 1/1

1. Thallium--Determination
2. Thallium--Separation
3. Lead--Production

G.S.

MANCHENKO, L. L.

137-1958-2-2628

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 2, p 60 (USSR)

AUTHORS: Sychev, A. P., Manchenko, L. V.

TITLE: Electrosmelting a Lead Sinter (Elektroplavka svintsovogo aglomerata)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 14, pp 18-23

ABSTRACT: Worked out and tested on a quasi-industrial scale was a method of reducing a Pb sinter by electrosmelting. The tests were conducted with a 3-phase 2400-kva electric furnace. The rated current from the 2 transformers was 20,800 amp. The furnace, rectangular in shape, had a hearth-bottom area of 19.6 m² (7x2.8). In the electrosmelting of lead it was found necessary to use lower voltage levels at the electrodes than are used in electric furnaces in which Cu and Ni are smelted. It was possible to smelt a fluxed sinter with an ~50 percent Pb content and ~12 percent Zn content, based on concentrates of the Leninogorsk lead works. The S content of the sinter should be higher than when the smelting is done in a shaft furnace (3-4 percent as opposed to 1.5 - 2 percent). Optimum smelting conditions were: coke-fines consumption 6-7 percent; S content of sinter

Card 1/2

137-1958-2-2628

Electrosmelting a Lead Sinter

3-4 percent; temperature of the process $\sim 1200^{\circ}$. The effective depth of the bath was 1000-1200 mm. Electric power consumption was 600-650 kw - hr per ton of sinter. 992.15 tons of sinter were smelted. The average daily amount smelted for the 19 days during which the furnace was in operation was 52.2 tons, or 3.26 tons per square meter. The largest amount smelted was 67.0 t/day. The total quantity of dust was 86.822 tons, or 8.81 percent. The passing of Cu into the crude Pb (23.27 percent) and into the slag (15.8 percent) was attributed to the insufficient S content of the sinter (2 percent instead of 3-4 percent). The passing of Cu into the matte was found to be 38.65 percent. 84.25 percent of the Pb passed directly into the crude metal. 1.42 percent of the Pb had passed into the slag. The Zn became concentrated in the slags and dusts. The Zn content in the slag was 41.98 percent, in the matte 5.27 percent, in the skimmings 2.09 percent, in the dust 51.26 percent.

G.S.

1. ~~Lead-Smelting-Processes~~

Card 2/2

137-58-6-11983

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 113 (USSR)

AUTHOR Manchenko L.V., Chirkova, N.P.

TITLE Recovery of Mercury at the Leninogorsk Complex Metals
Kombinat Poluchenije rtuti na Leninogorskom polimetallicheskom kombinat

PERIODICAL Byul. tsvetn. metallurgii 1957, Nr 23, pp 18-20

ABSTRACT A method was developed for processing of sublimates containing Hg, Se, and Tl. The process is based on the difference in vapor pressure of these elements and their compounds and consists of the following procedures. After mixing the sublimates with Na_2CO_3 (40% of the dust by weight) the Hg is distilled out of the mixture at a temperature of 400-500°C. The SeO_2 reacts with the Na_2SO_3 to form a nonvolatile sodium selenate. The basic bulk of the Tl does not undergo sublimation at that temperature. An installation consisting of a retort furnace is employed in this process, the temperature of the furnace is maintained automatically. Metallic Tl flows along an inclined condenser tube into a collector and then into a sump where it is preserved under water until the condenser has been

Card 1/2

137-58-6-11983

Recovery of Mercury at the Leninogorsk Complex Metals Kombinat

- completely drained. Sublimates processed in this installation contain an average amount of 3.5% Hg. The content of Hg in the cinder varies from traces to 0.1% and constitutes 0.019% on the average this corresponds to an extraction of 97.18%. 85-98% of the Se and 81-100% of the Tl remain in the cinder.

G.S.

1. Mercury recovery Minerals-separation 2. Sodium compounds--chemical reactions
3. Selenium oxides--chemical reactions

Card 2/2

SOV/136-58-8-7/27

AUTHORS: Manchenko, L.V. and Chirkova, N.P.

TITLE: Production of Mercury at the Lead Works of the Leninogorsk Polymetallic Kombinat (Polucheniye rtuti na svintsovom zavode Leninogorskogo polimetallicheskogo kombinata).

PERIODICAL: Tsvetnyye Metally, 1958, Nr.8, pp.28-34 (USSR)

ABSTRACT: At the Leninogorsk Kombinat mercury was detected in appreciable quantities in various process by-products (sinter dust, etc.), and during a laboratory investigation of thallium distillation (Table 1). Temperature was found to have a great effect on the distillation of mercury (Fig.1 and Table 2). The work was continued on a larger scale (Fig.2): in one series of tests 700 g charges of sublimate were distilled at 450-470°C; in a second, 500 g charges were heated with 40% by weight of soda at 500°C. There is now a full-scale mercury-distilling installation, designed on the results of the above experiments, at the Leninogorskiy combine, and operating experience has been accumulated. The optimal conditions were found to be:

Card 1/2

SOV/936-58-8-7/27

Production of Mercury at the Lead Works of the Leninogorskiy
Polymetallic Kombinat

40 and 3%, respectively, of soda and saltpetre, of the weight of sublimate; gas-space temperature in retorts, 450°C; duration of roasting 12 hours; suction after the retorts 8-12 mm water; exit-gas temperature not over 20°C. Under these conditions the mercury recovery was 95.5%; mercury loss in the cinder 0.4% (0.01% Hg in the cinder), the Tl and Se recovery in the cinder 95.5 and 99%, respectively. There are 2 figures, 4 tables and 5 Soviet references.

1. Mercury--Production
2. Mercury--Temperature factors
3. Mercury
--Test results

Card 2/2

MANCHENKO, Yu.V.

Uropepsin in children of school age. Pediatriia no.7:33-36 '62.
(MIRA 15:12)

1. Iz kafedry detskikh bolezney (zav. - prof. S.I. Ignatov)
L'vovskogo meditsinskogo instituta (dir. - prof. L.N. Kuzmenko).
(UROPEPSIN)

L 12113-66 EWP(e)/EWT(m)/EWP(b) GS/WH

ACC NR: AT6000513

SOURCE CODE: UR/0000/65/000/000/0408/0409

AUTHOR: Manchenko, Z. F. 44

ORG: none

TITLE: Study of the pattern of change in certain properties of glasses of the $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-CaO-B}_2\text{O}_3\text{-R}_2\text{O}$ system 644SOURCE: Vsesoyuznoye soveshchaniye po stekloobraznomu sostoyaniyu, 4th, Leningrad, 1964. Stekloobraznoye sostoyaniye (Vitreous state); trudy soveshchaniya, Leningrad, Izd-vo Nauka, 1965, 408-409 44

TOPIC TAGS: borate glass, lithium glass, crystallization

ABSTRACT: Three fields of the $\text{SiO}_2\text{-Al}_2\text{O}_3\text{-CaO}$ system (anorthite, wollastonite, tridymite) were studied. As B_2O_3 was introduced through datolite in amounts of 2.5, 5, 7.5, and 10 mole %, the region of glasses with a low crystallizability widened and shifted toward anorthite on the phase diagram of the ternary system. At the same time, the upper crystallization limit dropped from 1150C (2.5 mole % B_2O_3) to 1000C (7.5 - 10 mole % B_2O_3). Since part of the boron is in the fourfold coordination, it is thought to increase the stability of the vitreous state. The effect of 2.5 and 5 mole % alkalis (K_2O , Na_2O , Li_2O) on glass crystallization was also studied. Potassium gives up its oxygen most easily to aluminum and boron, thus causing

Card 1/2

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ACC NR: AT6000513

them to change to a fourfold coordination most completely; as a result, potassium glasses display the lowest tendency to crystallize.

SUB CODE: 07, 11 / SUBM DATE: 22May65 / ORIG REF: 002 / OTH REF: 001

Card

2/2

1. MANCHENKOV, YE.
2. USSR (600)
4. Sun
7. "The eye and the sun," S. I. Vavilov. Reviewed by YE. Manchenkov, Fiz. v shkole, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

MANCHEV, A; GURINOV, L; GEORGIEV, G.

MANCHEV, A; GURINOV, L; GEORGIEV, G. Is the fairly early production of tomatoes profitable and feasible: p.5.

Vol. 11, no. 7, July 1956
KOOOPERATIVNO ZEMEDELIE
AGRICULTURE
Sofia, Bulgaria

SO: East European Accession, Vol. 6, No. 3, March 1957

MANCHEV, A.

On a case of endocarditis lenta. Suvrem. med., Sofia 11 no. 2-3:
182-185 '60.

1. Iz Katedrata po bolnichna terapiia pri VMI "I.P. Pavlov" -
Plovdiv, Rkuov. na katedrata: prof. P. Mironov.
(ENDOCARDITIS AUBACTUE BACTERIAL case reports)

MANCHEV, A., ATANASOV, K.

The importance of various biochemical indices in the early diagnosis of atherosclerosis. Suvr. med. 13 no.3:31-37 '62.

1. Iz Katedrata po bolnichno terapiia pri VMI [Vissh meditsinski institut] "I.P. Pavlov" - Plovdiv (Rukovod. na katedrata prof. P. Mirenov)

(ARTERIOSCLEROSIS) (BLOOD CHOLESTEROL)
(BLOOD PROTEIN ELECTROPHORESIS)
(LIPOPROTEINS)

MANCHEV, U.

Manchev, U. Model dietetic dining room for workers. n. 40. "Fast method for determining moisture. n. 40. LIXA POC. ISKL. 1951. Sofiya. Vol. 4, no. 3, 1956.

SO: Monthly List of the East European Accession, (REAL) 43. Vol. 4, no. 10, Oct. 1956. Uncl.

MANCHEV, G.

Exemplary council for social insurance. p. 35. LEKA PROMISHLENOST. Sofiya.
Vol. 5, no. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, August 1956.

MANCHEV, G.

Production of Hungarian measuring devices for the textile industry. p. 36.
LEKA PROMISHLENOST. Sofiya. Vol. 5, no. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, August 1956.

MANCHEV, G.

Glass used in industry. p. 37. LEKA PROMISHLENOST. Sofiya. Vol. 5, no.2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress. Vol. 5, No. 8, August 1956.

MANCHEV, G.

The model 2.B Peckameter (impulse compensator). p. 39. LEKA PROMISHLENOST.
Sofiya. Vol. 5, no. 2, 1956.

SOURCE: East European Accessions List. (EEAL) Library of Congress.
Vol. 5, No. 8, August 1956.

MARINOV, Encho; MANCHEV, Manol

Swordbills in the salterns of Burgas. Prir i znanie 17
no. 1: 17-19 Ja '64.

MANCHEV, P.

The Tekhnicheski Progres Exhibition in Sofia. Mashinostroene 11
no.6:33 Je '62.

Bulgaria/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6527

Author: Georgiyev, Iv.; Popov, Iv.; Tonchev, T. A.; Manchev, Stamat Khr.

Institution: None

Title: Use of Enzymatic Preparation from Botrytis cinerea to Accelerate Maturation of Wine

Original

Publication: Nauch. tr. Vissh. in-t khranit. i vkus. prom-st Plovdiv, 1955, 2, 91-102

Abstract: On treatment of two specimens of table wine and one of dessert wine with the enzymatic preparation from Botrytis cinerea (1 g per 1 liter), there was observed, after 170 days, a considerable improvement in the quality of the wine, in comparison with the controls.

Card 1/1

BULGARIA/Chemical Technology. Chemical Products and Their
Application. Part 3. - Fermentation Industry.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72206.

Author : Stamat Khr. Manchev.

Inst :

Title : Prolonged Exposition of White Table Wines to
Yeast (Discussion).

Orig Pub: Lozarstvo i vinarstvo, 1957, 6, No 6, 26-29.

Abstract: A rise of total and amine N and ester contents was
observed at the exposition of white table wine to
yeast for 4.5, 8.5 and 12 months. Samples, that
were exposed to yeast for a long period, were
organoleptically evaluated best. The microscopic
study of the residue showed that after an exposure

Card : 1/2

BULGARIA/Chemical Technology. Chemical Products and Their
Application, Part 3. - Fermentation Industry.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72206.

of 4.5 months the wine contained 0.1% of living
yeast cells, after 8.5 months it contained 0.01%
and after 12 months 0.0003%.

Card : 2/2

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BULGARIA/Chemical Technology - Chemical Products and Their
Application. Fermenting Industry.

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59004

Author : Popov Ivan D, Georgiev Ivan K, Tonchev T A, Manchev S

Inst : -

Title : Speeding-Up the Ripening Process of Young Wine of the
Diryat Type by a Biological Method.

Orig Pub : Izv. in-ta biol. Bulg. AN, 1957, 8, 207-221

Abstract : In semi-factory conditions, the possibility was studied
of the utilization of the preparation Botrytis cinerea
(see RZhKhim, 1957, 6527) for speeding-up the process
of ripening and aging of young wine of the Diryat type.
The introduction into the wine of 0.75 g/l of a dry
preparation significantly increases the content of
amine nitrogen, lowers the quantity of colloids, does
not change the hydrolysing activity of the esterase,
increases its synthesis activity and the activity of

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BULGARIA/Chemical Technology - Chemical Products and Their
Application. Fermenting Industry.

H-27

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59004

the catalase. The general grade of the processed wine
according to the Prostoserdov 10-mark system is 8.49
marks. The useful activity of the preparation begins
to appear in the course of the third month.

Card 2/2

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|------------|---|---|-------|
| COUNTRY | : | Bulgaria | H-27 |
| CATEGORY | : | | |
| ABS. JOUR. | : | RZKhim., No. 21 1959, No. | 76464 |
| AUTHOR | : | Manchev, G. Kh. | |
| INST. | : | Plovdiv Institute of the Food and Tastes Industry | |
| TITLE | : | The Effect of the Lees on the Development of White Table Wines | |
| ORIG. PUB. | : | Nauchna Trudy Vlash Inst Khranit i Vkus Promish- lenost-Plovdiv, 4, 133-141 (1958) | |
| ABSTRACT | : | In the course of production tests with the stor- age of Dimyat table wine in contact with the lees (L), an increase in the total N, amine N, and ester content was observed after relatively long contact times [barreling times?]. Wines which have been in contact with the L for the shortest time were found to have the highest hydrolyzing esterase activity. After a barreling time of 12 months, the titrable acidity and tartaric acid content of the wines did not decrease, and the | |

CARD: 1/2

288

COUNTRY : Bulgaria
CATEGORY :

H-20

ABS. JOUR. : AGRICULT., No. 21 1955, No.

75464

AUTHOR :

ORIG. PUB. :

ABSTRACT : content of volatile acids did not increase. Wines
barreled for 1.5 months were found to have the
best flavor and aroma; the wine was found to be
free of yeast turbidity and taste. The following
recommendations are made for the barreling of the
wine: the use of high-grade grapes with high
titrable acidity, use of SO₂ and selected yeast,
and frequent racking of the wine with an optimum
barreling time of 1-3 months.

From author's summary

CARD: 2/2